



ARC-OVER

APRIL, 2017 EDITION

MERCED LO-LEVEL

We are getting near to the completion of the Merced Lo-Level Repeater. Clandestine assembly is being conducted at the "Ranch" I.E. the garage of Bobby Mooneyham (WB6BRU) Ken Stillwell (Kf6IDK) and Grady Williams (K6IXA) are the main co-respondents of the activity under the cautious eye of Bobby (WB6BRU) making sure they don't burn the place down. Initial setback came when it was determined the new Kenwood TKR-D810 Analog/DMR repeater purchased at a bargain price did NOT accommodate an external controller required to support the remote base connection to the W6BXN network. DON' T believe everything the instruction manual tells you. For the project to keep on schedule, Grady purchased a Kenwood TKR-850 UHF repeater identical to the one in service at Mt. Bullion on 444.700 mhz. Hopefully we will be able to sell the TKR-810 DMR/Analog repeater and recoup his investment plus reclaim a couple hundred bucks of the clubs original investment. The replacement TKR-850 was purchased through Paul Lambert of Cooks Communication in Fresno for \$600. Best price for a new one with Amateur discount was \$1250 plus shipping. So anyone interested in an Analogue/DMR stand alone repeater NEW in box for \$800 give Grady a call.

Layout is as follows Top to bottom RLC-1 Repeater controller, Mesh interface equipment with Motorola CMD-1550 Link Transceiver, Uhf Filter for Receive pre-amp and 50 Amp Astron Switching Power Supply, Kenwood TK-850 Repeater, Sinclair Duplexer. Picture to right is the Mesh Antennas with two 120 degree sector antennas and a dish antenna connecting system to Mt. Bullion.



Next Meeting

Ed Darrah, K7ERD will be presenting the program for the evenings educational opportunity. It will cover the construction and installation of a viable field day antenna. Yup it's getting near that time again and should be a timely subject of interest to all...

Auction

Despite valiant attempts to come up with a suitable date for the Spring auction, it just isn't going to work out. The ONLY two weekends left before June was Mother's Day and Memorial Day weekend. Consequently we are opting for a Fall Auction perhaps sometime in October. Various radio clubs in the area will be notified in case they were anticipating a Spring Auction. Those with estate items who need to have items stored will be accommodated. Arrangements can be made to pick up equipment and safely store in Aircraft Hangar at Turlock Municipal Airport...

Buck Rock

The Buck Rock Repeater is undergoing serious rebuild. Thanks to Paul Lambert of Cooks Communications we now have a pair of Kenwood TK-8180 Units which make a very solid 20 watt repeater unit ideally suited for the Buck Rock application. Layout is as follows, Left TK-8180 stack, top unit used for transmitter lower unit is receiver. Both units are programmed the same in event of receiver or transmitter failure units can be transposed simply by swapping the controller cables offering backup redundancy. Power supply and preamp are mounted behind trans/receiver units. Right side is RLC-1 Controller mounted on top of the CDM 1550 Link Transceiver. The existing duplexer and notch filters are mounted in the overhead rack at the site. This installation should be significantly more reliable than the previous installation... Now all we have to do is wait for the snow to melt to gain access to the site. Anticipated replacement expected latter part of May.



1956 ARRL Convention

In 1956 most of us old guys were still teenagers, you younger ones were running around in three cornered britches. Here is a note Dean W6HAB long time TARC member sent me from his digs in Denver.



Around the table at the convention Banquet that night as follows :

Dean Larson.	W6HAB (myself) *
George Stevens	K6SNA *
Max Sayre.	W6GYN *
Ivan Lowe.	W6SKH *
Bill Bates.	W6CF
Packard.	????? (of HP)
Unknown.	?????
Hewlett.	????? (of HP)

*Turlock Amateur Radio Club (TARC) W6BXN

The next night the TARC group went out for dinner at a restaurant across the street From the convention hotel. We all ordered a steak dinner just as our food was served The kitchen caught fire and the fire department came and told us we would have to Leave the restaurant , so we all wrapped our steak in a napkin and walked off down Market street enjoying our steak.

An exciting weekend long to be remembered !!!!!!!

I ran across the ticket while digging through some old files .

Dean Larson. W6HAB

The boys were definitely in hi class company at the table of Bill Hewlett and Dave Packard. Their company started as so many in the Silicon Valley in a residential garage in San Jose. For a more in-depth history of their accomplishments check out this web site: <http://www8.hp.com/us/en/hp-information/about-hp/history/hp-garage/partner-in-greatness.html> A Book, Partners in Greatness by Lucille Packard is featured on this web site and gives perhaps the most interesting and comprehensive analogy of the business partnership... Yup the TARC boys were definitely in high class company. By the way W6CF Bill Bates was the founder of KTRB long time popular radio station in Modesto. The W6CF call sign was subsequently owned by a couple of "Ham" notables finally ending up most appropriately as the call for "The California Historical Radio Society "

Enjoy Editor: K6IXA

CB/HAM RADIO SWAP MEET VE TEST SESSION

**BBQ HAMBURGERS
SATURDAY 5-20-17
8AM-12PM**



**BRING YOUR ELECTRONIC EQUIPMENT
FOR SALE OR TRADE**

THERE WILL BE A RAFFLE

HOSTED BY

**RED MONKEY
CENTRAL VALLEY RADIO CLUB
MADERA AMATEUR RADIO CLUB
AT**

**NORTHPOINTE COMMUNITY CHURCH
4525 W PALO ALTO AVE FRESNO
MILBURN SOUTH OF HERNDON**

559-277-4RED

Wireless handset law

WE just received this from the administration regarding the new wireless handset law, 23123.5(f). Just to summarize "CB" type radios (a radio mounted with a wired hand microphone) **does not** meet any of the criteria for the new law and is not subject to enforcement. I have attached the wording from the communication. This is direction being given to CHP only, I do not know how other agencies may handle interpretation of the law.

Can you get this out as wide as possible,

Effective January 1, 2017, Section 23123.5 of the California Vehicle Code (CVC) was amended by Assembly Bill 1785, which substantially expanded the scope of Section 23123.5 CVC, from simply prohibiting the use of a wireless phone to text while driving, to prohibiting holding and operating a handheld wireless telephone or an electronic wireless communications device while driving.

However, a driver may still use a handheld wireless telephone or an electronic wireless communication device while driving when:

- The handheld wireless communication device is mounted to a windshield (in compliance with Section 26708[b] CVC), dashboard, or center console in a manner which does not interfere with the driver's view of the road, and;
- The driver's hand is used to activate or deactivate a feature with a single tap or swipe of the driver's finger.

Pursuant to Section 23123.5(f) CVC, the definition of an electronic wireless communications device includes, but is not limited to: a broadband personal communication device, a specialized mobile radio device, a handheld device or laptop computer with mobile data access, a pager, or a two-way messaging device.

Section 23123.5 CVC does not apply to manufacturer-installed systems which are "embedded in the vehicle," nor does it apply to an emergency services professional using a wireless telephone while operating an authorized emergency vehicle, in the course and scope of employment.

For the purposes of Section 23123.5(f) CVC, a radio installed and mounted in a vehicle with a wired hand microphone (e.g., business band or citizen band [CB] radio) **is not** considered a wireless communication device, nor is it considered a specialized mobile radio device, and therefore is not subject to enforcement under this section.

http://leginfo.legislature.ca.gov/faces/codes_displaySection.xhtml?sectionNum=23123.5.&lawCode=VEH

Hopefully this dispels the rumors that it will become illegal for you to talk on your mobile radio. Further clarification is contained in the following release. The bottom line appears to be we as hams are not effected....

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HRO

As you may have heard, we recently remodeled our Oakland Ham Radio Outlet Store after consolidating both our Sunnyvale and Oakland Bay Area facilities into one location.

Now it's time to showcase it off to the Northern California Ham Radio Community and what better way to do it than with 3 weekends of Grand Re-Opening Events.

The event runs from 10 AM until 5:30 PM on Saturday and includes Hourly Door Prizes, Exclusive Discounts, Product Demos and Representatives from the Major Manufacturers.

We will also have Finger Food and Drinks for everyone that attends.

The dates of our events will be:

Saturday April 29th - 10 AM to 5:30 PM

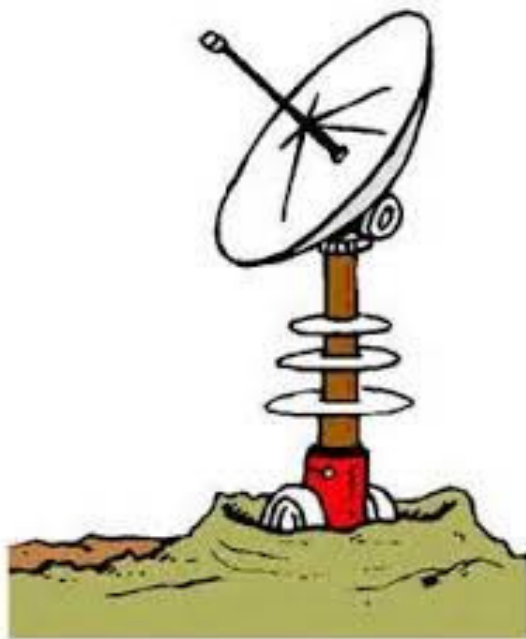
Saturday May 6th - 10 AM to 5:30 PM

Saturday June 17th - 10 AM to 5:30 PM

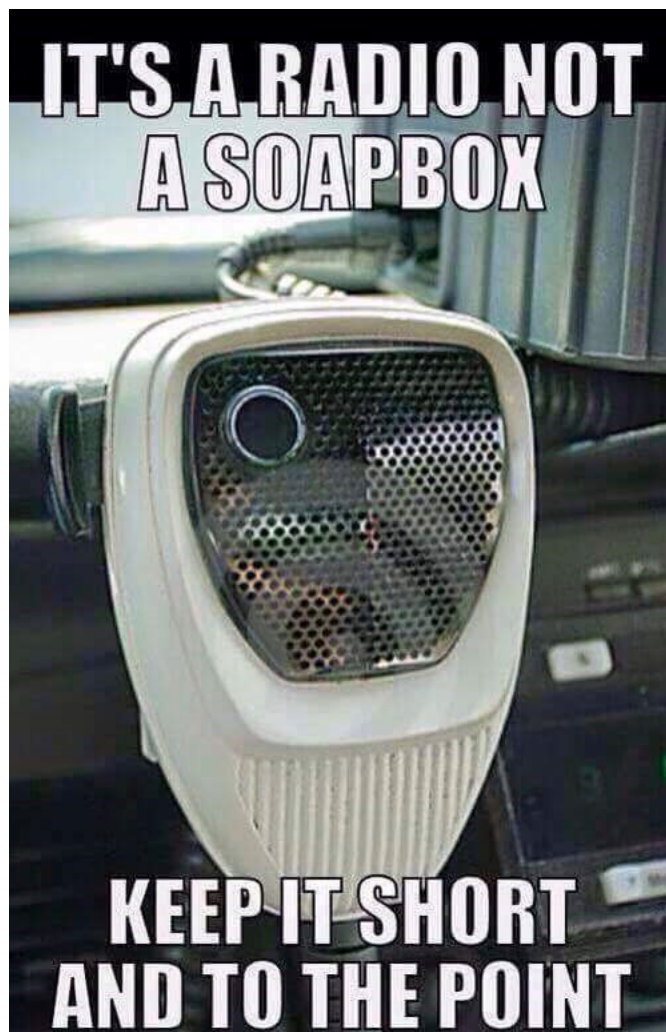
I would greatly appreciate it if you would pass this information along to your club members and we look forward to seeing everyone there.

Best regards,

Luke Rohn
HRO Inc. Corporate – Buyer
Ham Radio Outlet | 110 Tampico Suite 110
Walnut Creek, CA. 94598
PH: 1-925-933-1771 | FAX: 925-933-1775 |
luke@hamradio.com



Got your Mesh Station going yet ! Need help ?
Then Call Ken, KF6IDK if you need assistance.



Years Ago till Now



Who is this club member touring Treasure Island with his Dad in 1939.... Hint: dad's name is Carl. NOT a chance, giving you Dad's last name would be a give away ;-). You notice that a smelly Tie Die and Holey Jeans were not the style of the day...

This Amateur's presence is well rooted in TARC History and he is perhaps responsible for introducing Ham radio more people than any other individual in the area....



You would have never guessed this one, so we will give it to you. As you may know, Dick Decker became quite a culinary epicurean with his last trip to India. With his enthusiasm for the newly acquired Vegetarian life style he is introducing the latest in a Vegetarian TV tray. They are \$100 each with choice of available colors. Place your order while supply lasts...

Forgive me Dick I couldn't resist...

K6IXA Editor

Fun Run

The Chaplaincy Run was a Success, the following note was received from the run coordinator Dick Decker K6SUU...

I wanted to thank the seven of you for participating in the Chaplaincy Run on behalf of the Turlock Amateur Radio Club. Not only did we practice our communications skills we benefited an organization that provides chaplains to emergency service providers, a very good cause.

KJ6SSB even drove an hour and a half from Clovis to participate.

The calls I have of the participants were KJ6SSB, WB3CDV, KJ6KNL, KC6RUF, AJ6ED, KJ6WNJ, N6MTM and myself K6SUU.

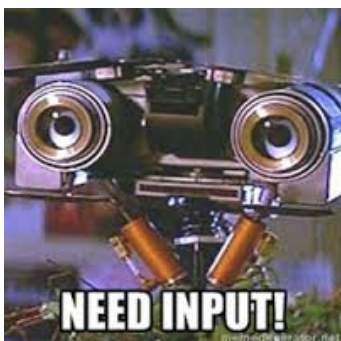
Thank you

Dick K6SUU

Mystery Hams

The young lad with his dad is Dean Larsen, W6HAB currently living in Denver Colorado. This was during a time period when it was expected to look presentable when appearing in public. Also your mom made sure you were wearing clean underwear in case you were involved in a car wreck that took you to the Hospital ;-)

The Gentleman in the field day tent operating 80 meter cw is non other than Les Johnson W6DIY one of the co-founders of TARC... He was the original holder of the W6BXN call... In those days a secondary call was required for a remote or portable location other than your home station. W6BXN was licensed to Les for the Old Fox Theater on East Main Street where the Club met and had a ham station. Les was a Math and Electronics instructor at Turlock High School and was the inspiration for countless new hams and kids who went on to successful careers in the electronics field...



If you have a certain passion relating to our fine Hobby please consider writing an article for the Arc-Over... With the diversity of our Hobby, most certainly there are aspects unfamiliar to some of us that would make a great topic for discussion... Give it some thought... No Pulitzer prizes will be awarded, but the appreciation of your grateful editor will surely be expressed...

Till then....

Grady K6IXA
editor